

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: UCHIDA et al.

Application No.: 10/599,019

Filing Date: September 18, 2006

For: TITANIUM DIOXIDE PARTICLE,  
PHOTOVOLTAIC DEVICE WITH  
THE SAME AND  
MANUFACTURING METHOD OF  
THE SAME

) Confirmation No.: 3176  
)  
) Group Art Unit: 1795  
)  
) Examiner: Shannon M. Gardner  
)  
) **INFORMATION DISCLOSURE  
STATEMENT**  
)  
) Docket No.: JG-SU-5249/ZN06.001  
)  
) **PTO Customer Number 28062**  
) Buckley, Maschoff & Talwalkar LLC  
) 50 Locust Avenue  
) New Canaan, CT 06840  
)

### Mail Stop Amendment (via EFS)

## Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b);  
(within 3 months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97(c) together with either a:

- Statement under 37 CFR 1.97(c): That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement, or
- Statement under 37 CFR 1.97(c)(2): That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement, or

- \$180.00 fee under 37 CFR 17(p); or  
(after 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- under 37 CFR 1.97(d) together with a:
  - Statement under 37 CFR 1.97(e): That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement,
  - Petition under 37 CFR 1.97(d)(2)(ii), and
  - \$ petition fee under 37 CFR 17(i).  
(after 37 CFR 1.97(c) time period, but before payment of issue fee)

Applicants submit herewith patents, publications or other information of which they are aware that they believe may be material to the examination of this application, and in respect of which, there may be a duty to disclose.

The filing of this information disclosure statement shall not be construed as a representation that a thorough search has been made, an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. Nor shall the filing of this information disclosure statement be construed as an admission against interest in any manner.

This Information Disclosure Statement is filed in accordance with 37 CFR §§1.56, 1.97 and 1.98. The items listed on the accompanying Form PTO-1449 may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items listed on the enclosed copy of Form PTO-1449 and to independently ascertain their teaching.

The items listed herein were cited in a Japanese Office Action dated November 7, 2007, along with English-language translation is enclosed herewith.

No English-language equivalent of JP Patent No. 57-123824 is readily available, however, an English-language Abstracts has been located and is enclosed herewith.

An English-language translation of a Non-patent literature reference of Japanese reference book concerning "Oil Absorption" is also attached.

English-language Abstracts and Translations of JP 2003-327432, JP Patent No. 2002-261310,  
and JP Patent No. 2003-252624 are enclosed.

Respectfully submitted,

April 2, 2009  
Date

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